

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	403	CCFL and feedback and (transformer transforming)	US-PGPUB; USPAT	OR	OFF	2006/12/21 13:55
S4	409	CCFL and feedback and display	US-PGPUB; USPAT	OR	OFF	2006/12/21 13:55
S2	2070	CCFL	US-PGPUB; USPAT	OR	OFF	2006/12/21 13:55
S6	361	CCFL and feedback and (transformer transforming) and (inverter inverting)	US-PGPUB; USPAT	OR	OFF	2006/12/21 14:12
S7	262	parallel and CCFL and feedback and (transformer transforming) and (inverter inverting)	US-PGPUB; USPAT	OR	OFF	2006/12/21 14:14
S8	134	parallel and CCFL and feedback and (transformer transforming) and (inverter inverting) and logic	US-PGPUB; USPAT	OR	OFF	2006/12/21 14:15
S9	20	("20040051473"   "4745339"   "5420779"   "5485059"   "5629588"   "5635799"   "5663613"   "5710489"   "5751115"   "5751120"   "5777439"   "5808422"   "5883473"   "5910709"   "5930126"   "6211625"   "6259615"   "6331755"   "6340870"   "6710555").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 14:36
S10	14	("4382212"   "4501992"   "4503363"   "4700113"   "5111114"   "5138235"   "5262699"   "5371439"   "5451845"   "5475284").PN. OR ("5930126").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 14:41
S11	4	("5930126"   "6008593"   "6292339"   "6696798").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 14:43
S12	20	("20040051473"   "4745339"   "5420779"   "5485059"   "5629588"   "5635799"   "5663613"   "5710489"   "5751115"   "5751120"   "5777439"   "5808422"   "5883473"   "5910709"   "5930126"   "6211625"   "6259615"   "6331755"   "6340870"   "6710555").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 11:32
S13	264029	(backlight lamp)	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:16
S16	836	(backlight lamp) near6 parallel and feedback and power adj2 supply	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:17
S15	1398	(backlight lamp) near6 parallel and feedback	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:17
S14	9248	(backlight lamp) near6 parallel	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:17
S17	207	(backlight lamp) near6 parallel and feedback and power adj2 supply and (LCD "liquid crystal" display)	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:21
S18	256	(backlight\$2 lamp\$2) near6 parallel and feedback and power adj2 supply and (LCD "liquid crystal" display)	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:22
S20	41	(backlight\$2 lamp\$2) near6 parallel and feedback and power adj2 supply and (LCD "liquid crystal" display) and current\$2 same (add adds sum sums combines)	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:23

S19	243	(backlight\$2 lamp\$2) near6 parallel and feedback and power adj2 supply and (LCD "liquid crystal" display) and current	US-PGPUB; USPAT	OR	OFF	2007/01/05 11:23
S22	987	345/102.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 13:12
S21	3	("5854617"   "6153987"   "6424100").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 13:12
S24	3728	(315/291,294,295,300,302,306).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 13:50
S23	165	345/102.ccls. and (backlight\$2 lamp\$2) same parallel	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 13:50
S28	573	S25 and parallel near6 (lamp\$2 backlight\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 13:51
S27	980	S25 and parallel same (lamp\$2 backlight\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 13:51
S26	1605	S25 and parallel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 13:51
S25	3103	(315/291).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 13:51
S31	272	S30 not S25	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:06
S30	333	315/294.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:06
S29	111	S25 and parallel near6 (lamp\$2 backlight\$2) and (sum sums add adds) same current\$2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:06
S34	156	S33 not4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:13
S33	112	315/295.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:13

S32	61	S30 not S25 and (lamp\$2 light\$2 backlight\$2) same parallel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:13
S36	82	S35 not S30	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:14
S35	95	S33 not S25	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:14
S38	50	315/300.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:15
S37	15	S35 not S30 and (lamp\$2 light\$2 backlight\$2) same parallel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:15
S40	119	315/302.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:17
S39	12	315/300.ccls. and parallel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:17
S42	146	315/306.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:19
S41	16	315/302.ccls. and parallel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:19
S43	31	315/306.ccls. and parallel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/07 20:31
S45	1305	(lamp light backlight CCFL) and overvoltage and feedback	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/07 20:33
S44	2	"5854617".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/07 20:33

S46	183	(lamp light backlight CCFL) and overvoltage and feedback and (LCD "liquid crystal")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/07 20:35
S47	20	(lamp light backlight CCFL) and overvoltage and feedback and (LCD "liquid crystal") and (DC-to-AC DC/AC "direct to alternating")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/07 20:36
S1	1	10/715169	US-PGPUB; USPAT	OR	OFF	2007/01/07 20:55
S48	2	10/399947	US-PGPUB; USPAT	OR	OFF	2007/01/07 20:56
S50	167	overvoltage and LCD and parallel and (lamp light backlight)	US-PGPUB; USPAT	OR	OFF	2007/01/07 20:57
S49	1	"5777439".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/07 20:57
S52	79	parallel near6 CCFL	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:02
S51	13	overvoltage and LCD and parallel and (lamp light backlight) and CCFL	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:02
S54	16	parallel near6 CCFL and (LCD "liquid crystal" display) and feedback	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:03
S53	69	parallel near6 CCFL and (LCD "liquid crystal" display)	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:03
S56	6	("5287040"   "5420779"   "5430641"   "5615093"   "5619402"   "5818172").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/07 21:06
S55	2	parallel near6 CCFL and (LCD "liquid crystal" display) and overvoltage	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:13
S60	105	"over voltage" and (LCD "liquid crystal" display) and (lamp backlight light) and feedback and CCFL	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:14
S59	785	"over voltage" and (LCD "liquid crystal" display) and (lamp backlight light) and feedback	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:14
S58	1766	"over voltage" and (LCD "liquid crystal" display) and (lamp backlight light)	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:14
S57	1	parallel near6 CCFL and (LCD "liquid crystal" display) and "over voltage"	US-PGPUB; USPAT	OR	OFF	2007/01/07 21:14
S61	1	"5615093".pn.	USPAT	OR	OFF	2007/05/31 09:17
S62	83	("3916283"   "4307441"   "5475285"   "5479337").PN. OR ("5615093").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 09:23
S63	167	("20010036096"   "20020030451"   "20020097004"   "20020135319"   "20020140538"   "20020145886"   "20020171376"   "20020180380"   "20020180572"   "20020181260"   "20020195971"   "20030001524"   "20030080695"   "20030090913"   "20030117084"   "20030141829"   "20040032223"   "20040155596"   "20040257003"   "20040263092"   "20050093471"   "20050093472"   "20050093482"   "20050093483"   "20050093484"   "20050094372"   "20050099143"   "20050225261"   "20060022612"   "2429162"   "2440984"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 09:25

		"2572258"   "2965799"   "2968028"   "3141112"   "3597656"   "3611021"   "3737755"   "3742330"   "3936696"   "3944888"   "4060751"   "4388562"   "4463287"   "4523130"   "4572992"   "4574222"   "4622496"   "4630005"   "4663566"   "4663570"   "4672300"   "4675574"   "4686615"   "4698554"   "4761722"   "4766353"   "4780696"   "4847745"   "4862059"   "4939381"   "5023519"   "5030887"   "5036255"   "5057808"   "5173643"   "5349272"   "5434447"   "5475284"   "5485057"   "5519289"   "5539281"   "5557249"   "5563473"   "5574335"   "5574356"   "5615093"   "5619402"   "5621281"   "5652479"   "5712776"   "5754012"   "5818172"   "5822201"   "5825133"   "5828156"   "5892336"   "5910713"   "5912812"   "5914842"   "5923129"   "5930121"   "5936360"   "6002210"   "6020688"   "6028400"   "6037720"   "6038149"   "6040662"   "6043609"   "6049177"   "6072282"   "6104146"   "6108215"   "6114814"   "6121733"   "6127785"   "6127786"   "6137240"   "6150772"   "6169375"   "6181066"   "6181083"   "6181084"   "6188553").PN. OR ("6198234"   "6198236"   "6198238"   "6215256"   "6218788"   "6259615"   "6281636"   "6281638"   "6307765"   "6310444"   "6316881"   "6320329"   "6323602"   "6344699"   "6362577"   "6396722"   "6417631"   "6420839"   "6433492"   "6445141"   "6459215"   "6459216"   "6469922"   "6472827"   "6472876"   "6486618"   "6494587"   "6501234"   "6509696"   "6515427"   "6515881"   "6531831"   "6534934"   "6559606"   "6570344"   "6628093"   "6633138"   "6717371"   "6717372"   "6765354"   "6781325"   "6784627"   "6804129"   "6870330"   "6922023"   "6936975").PN. OR ("7187139").URPN.				
S67	1045	S66 and feedback and (overvoltage abnormal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:14
S66	52325	S64 and S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:14
S65	834489	power adj2 supply	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:14

S70	768	S69 and feedback and (overvoltage abnormal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:15
S69	39609	S65 and S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:15
S68	372080	(CCFL lamp light) same (parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:15
S64	491166	(CCFL lamp light) same (parallel multi-lamp multiple)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:15
S75	17	S73 and CCFL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:18
S74	178	315/224.ccls. and (abnormal overvoltage) and (multi-lamp multiple parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:18
S73	228	315/224.ccls. and (abnormal overvoltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:18
S72	2178	315/224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:18
S71	171	S69 and feedback and (overvoltage abnormal) and (LCD "liquid crystal")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:18

S76	103	"4240009"   "4464606"   "4535399"   "4541041"   "4672528"   "4727469"   "4794506"   "4814962"   "4833584"   "4855888"   "4860189"   "4864483"   "4912622"   "4935857"   "4952849"   "4953068"   "4992919"   "5017800"   "5027263"   "5027264"   "5105127"   "5113334"   "5132888"   "5132889"   "5157592"   "5198969"   "5208740"   "5231563"   "5235501"   "5268830"   "5285372"   "5291382"   "5305191"   "5363020"   "5384516"   "5394064"   "5402329"   "5408162"   "5412557"   "5418703"   "5420779"   "5422546"   "5430632"   "5430641"   "5448155"   "5448467"   "5481160"   "5510974"   "5514921"   "5546300"   "5559395"   "5559688"   "5583402"   "5615093"   "5619106"   "5619402"   "5638260"   "5646836"   "5669238"   "5684683"   "5694007"   "5712533"   "5715155"   "5719474"   "5731652"   "5736842"   "5742495"   "5742496"   "5744915"   "5748457"   "5764494"   "5767630"   "5774346"   "5781418"   "5781419"   "5784266"   "5796598"   "5818172"   "5834889"   "5844378"   "5844540"   "5854617"   "5856916"   "5875103"   "5880940"   "5886477"   "5886884"   "5894412"   "5900700"   "5910709"   "5917722"   "5923129"   "5930121"   "5932976"   "5939830"   "5946200"   "5982110"   "6011357"   "6011360"   "6114814"   "6127785"   "6310444"   "6411040").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 14:58
S78	6	"5583402"   "5933340"   "6771029"   "6977472"   "6998792"   "7042170").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:44
S79	3	("20030222537"   "6184631"   "6407480"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:45
S77	80	"2483815"   "2967267"   "3292579"   "3549990"   "3611021"   "3758823"   "3772625"   "3778677"   "3840795"   "3921005"   "3953768"   "4030058"   "4031449"   "4038625"   "4063108"   "4144462"   "4146857"   "4172981"   "4207498"   "4210846"   "4251752"   "4260943"   "4277726"   "4277728"   "4297614"   "4303902"   "4318608"   "4414493"   "4441053"   "4441054"   "4453109"   "4486689"   "4495446"   "4496896"   "4498031"   "4523131"   "4528482"   "4543556"   "4572988"   "4585974"   "4604552"   "4612479"   "4654573"   "4686427"   "4698554"   "4700113"   "4704563"   "4717863"   "4723098"   "4739277"   "4763239"   "4800328"   "4874989"   "4893059"   "4896077"   "4920299"   "4935669"   "4942352"   "4952849"   "5015919"   "5048033"   "5049790"   "5111118"   "5177408"   "5202608"   "5214352"   "5216402"   "5237242"   "5264776"   "5363020"   "5367223"   "5367224"   "5367242"   "5384516"   "5408162"   "5615093").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:48

S84	62	S80 and S82	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:49
S83	184	S81 and S82	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:49
S82	466528	power adj2 supply	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:49
S81	284	CCFL and (overvoltage abnormal over near2 voltage)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:49
S80	125	CCFL and (overvoltage abnormal)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 15:49
S85	1	"6127785".pn.	USPAT	OR	OFF	2007/07/03 13:42
S87	3	("20030222537"   "6184631"   "6407480"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 09:36
S86	1	"7173381".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/10 09:36
S88	2584	315/312-325.ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/16 12:55
S91	75	S89 and S90	US-PGPUB; USPAT	OR	OFF	2008/01/16 12:56
S89	107	315/312-325.ccls. and CCFL	US-PGPUB; USPAT	OR	OFF	2008/01/16 12:56
S92	2	("6144170"   "6181086").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/16 12:57
S94	33	("5063331"   "5424614"   "5438243"   "6060843"   "6137239"   "6181079"   "6236168"   "6366029"   "6420839").PN. OR ("6534934").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/16 13:02
S93	5	("6534934"   "6674247"   "6717372"   "6781325").PN. OR ("7075248").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/16 13:02
S95	159	S88 and parallel and (protect abnormal overvoltage)	US-PGPUB; USPAT	OR	OFF	2008/01/16 13:44
S90	776	S88 and parallel	US-PGPUB; USPAT	OR	OFF	2008/01/16 13:44
S96	14	("4710682"   "5422548"   "5465029"   "5583399"   "5770925").PN. OR ("6011358"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/16 14:24
S97	4	("5930126"   "6008593"   "6292339"   "6696798").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/16 14:34
S3	500	CCFL and feedback	US-PGPUB; USPAT	OR	OFF	2008/01/17 10:47
S98	41	CCFL and feedback and (overvoltage)	US-PGPUB; USPAT	OR	OFF	2008/01/17 13:01
S99	1	"20020003525".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/17 13:02
S100	395418	(CCFL lamp light) same (parallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/10 14:24
S103	1413	(CCFL lamp light) same (parallel) and ("AND" near3 (gate operation)) same (current\$2 voltage\$2) same (feedback signal\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/10 14:25



S102	1761	(CCFL lamp light) same (parallel) and ("AND" near3 (gate operation)) same (current\$2 voltage\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/10 14:25
S101	4838	(CCFL lamp light) same (parallel) and ("AND" near3 (gate operation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/10 14:25
S105	1088	(CCFL lamp light) same (parallel) and ("AND" near3 (gate operation)) same (current\$2 voltage\$2) same (feedback signal\$2) and (abnormal overvoltage threshold range)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/10 14:26
S104	175	(CCFL lamp light) same (parallel) and ("AND" near3 (gate operation)) same (current\$2 voltage\$2) same (feedback signal\$2) and (abnormal overvoltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/10 14:26
S106	3	("20030222537"   "6184631"   "6407480"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 15:53
L4	3752	315/224,307.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/14 14:47

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